

MATERIAL SAFETY DATA SHEET

MSDS

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Date Issued 09/19/1997
MSDS Ref No RPTM32612
Date Revised 11/24/1997
Revision No 1

Spa-Time Water Clarifier

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME Spa-Time Water Clarifier
GENERAL USE Water clarifier

MANUFACTURER

Recreational Water Products
Pool Time
PO Box 887
Scottdale, GA 30079
Customer SERVICE (800) 949-7946

24 HR. EMERGENCY TELEPHONE NUMBERS

CHEMTREC (Transportation) (800) 424-9300
Rocky Mountain (Medical) (303) 623-5716

2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name

Wt %CAS Registry # EINECS #

Contains less than 1% of a Hazardous Material

COMMENTS:

Ingredients listed in this section have been determined to be hazardous as defined in 29 CFR 1910.1200. Materials determined to be health hazards are listed if they comprise 1% or more of the composition. Materials identified as carcinogens are listed if they comprise 0.1% or more of the composition. Information on proprietary materials is available as provided in 29 CFR 1910.1200.

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

PHYSICAL APPEARANCE

Blue liquid

IMMEDIATE CONCERNS

CAUTION Irritant Causes skin and eye irritation. May be harmful if swallowed. Avoid contact with eyes, skin or clothing. Wear goggles or safety glasses and rubber gloves when handling this product. May be irritating to nose and throat. Avoid breathing vapors. Remove and wash contaminated clothing before reuse. Do not mix with other chemicals.

POTENTIAL HEALTH EFFECTS

EYES

CAUTION Causes eye irritation. Avoid contact with eyes.

SKIN

CAUTION Causes skin irritation. Avoid contact with skin.

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INGESTION

May be harmful if swallowed

INHALATION

May be irritating to nose and throat Avoid breathing vapors

ROUTES OF ENTRY:

Skin Contact, Inhalation, Ingestion, Eye Contact

COMMENTS HEALTH:

There are no known chronic hazards

4. FIRST AID MEASURES

EYES

If contact with eyes occurs Immediately flush with cold water for at least 15 minutes Then get immediate medical attention

SKIN

If contact with skin Rinse off excess chemical and flush skin with cold water for at least 15 minutes If skin irritation develops, seek immediate medical attention

INGESTION

If swallowed Drink large amounts of water Do not induce vomiting Avoid alcohol NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON Call a physician or poison control center immediately

INHALATION

If inhaled Remove to fresh air If breathing is difficult, have trained person administer oxygen If not breathing, give artificial respiration Call a physician immediately

5. FIRE FIGHTING MEASURES

GENERAL HAZARD

There are no unusual fire and explosion hazards known

EXTINGUISHING MEDIA

Carbon Dioxide, Dry Chemical, Water

FIRE FIGHTING PROCEDURES

Firefighters should wear full protective clothing and self contained breathing apparatus (SCBA) Thoroughly decontaminate fire fighting equipment including all fire fighting wearing apparel after the incident

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6. ACCIDENTAL RELEASE MEASURES

GENERAL PROCEDURES:

STEP TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED Utilizing appropriate clothing and safety equipment, contain spill material. Cover the liquid with an inert absorbent. Using clean, dedicated equipment, sweep and scoop all spilled material, contaminated soil, and other contaminated material and place into clean dry plastic containers for disposal. Dispose of according to local, state and federal regulations

7. HANDLING AND STORAGE

GENERAL PROCEDURES

Avoid contact with eyes, skin or clothing. Avoid breathing vapors.

HANDLING

Mix only with water. Never add water to product. Always add product to large quantities of water. Do not mix with other chemicals. Use clean dry utensils. Do not add this product to any dispensing device containing remnants of any other product. Such use may cause a violent reaction leading to fire or explosion.

STORAGE

Keep this product in its original container when not in use. Store in cool, dry, well-ventilated area. Keep this product and all other chemicals out of children's reach.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS:

General room ventilation plus local exhaust should be used to minimize exposure to vapors.

PERSONAL PROTECTIVE EQUIPMENT:

EYES AND FACE

Wear goggles or safety glasses with side shields when handling this product.

SKIN

Wear rubber gloves when handling this product. Avoid contact with skin.

RESPIRATORY

A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

WORK HYGIENIC PRACTICES:

Remove and wash contaminated clothing before reuse.

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OTHER USE PRECAUTIONS:

Facilities storing or utilizing this material should be equipped with an eyewash and safety shower

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid
ODOR: Almond
APPEARANCE: Clear
COLOR: Blue
pH: 6.0 to 8.0
BOILING POINT: 100°C (212°F)
SOLUBILITY IN WATER: Miscible in Water
SPECIFIC GRAVITY: 1.0 g/ml

10. STABILITY AND REACTIVITY

CONDITIONS TO AVOID

High temperature Poor ventilation Contamination

STABILITY

This product is stable under normal conditions

POLYMERIZATION

Hazardous polymerization will not occur under normal conditions

HAZARDOUS DECOMPOSITION PRODUCTS

Carbon monoxide, carbon dioxide, ammonia, oxides of nitrogen and/or hydrogen chloride

INCOMPATIBLE MATERIALS

Other swimming pool/spa chemicals in their concentrated forms Strong oxidizing agents This material may react slowly with iron, copper or aluminum resulting in corrosion and/or product degradation

11. TOXICOLOGICAL INFORMATION

EYE EFFECTS

This product may be irritating to eyes

SKIN EFFECTS

This product may be irritating to skin

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CARCINOGENICITY

This product is not listed as a carcinogen by IARC
This product is not listed as a carcinogen by NTP
This product is not listed as a carcinogen by OSHA

GENERAL COMMENTS

This product is not a mutagen or teratogen

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION

This product may be toxic to fish and aquatic organisms. Keep product from entering waterways and watersheds

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD

Do not put product, spilled product, or filled or partially filled containers into the trash or waste compactor. Contact with incompatible materials could cause a reaction or fire.

PRODUCT DISPOSAL

Disposal of unused, uncontaminated product is regulated according to local, state and federal regulations.

EMPTY CONTAINER

Do not reuse container. Rinse thoroughly before discarding in trash.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)
PROPER SHIPPING NAME: Not Regulated

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)
313 REPORTABLE INGREDIENTS: This product or its components are not listed.

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)
CERCLA REGULATORY: This product or its components are not listed.

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TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA REGULATORY This product or its components are not subject to export notification

TSCA STATUS This product or its components are listed on the TSCA Inventory

FIFRA (FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT)

This product is not a registered pesticide

16. OTHER INFORMATION

REVISION SUMMARY

Revision # 1

This MSDS replaces the September 19, 1997 MSDS. Any changes in information are as follows:
In Section 15

OSHA Hazard Comm Rule (text) SDWA (text) FDA (text) DEA (text)

NFPA CODES

HEALTH 1 FIRE 0 REACTIVITY 0

HMIS CODES

HEALTH 1 FIRE 0 REACTIVITY 0 PROTECTION B

MANUFACTURER DISCLAIMER:

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